



164434

412/733-1161

LABORATORY SERVICES

One Triangle Drive, Export, PA 15632

November 6, 1987

**RECEIVED**

CERCLA REMOVAL ENFORCEMENT SECTION

NOV 10 1987

**EPA - Region III**

Mr. Harry Daw  
Environmental Protection Agency  
841 Chestnut Building (3HW14)  
Philadelphia, PA 19107

Dear Mr. Daw:

Enclosed is the revised analytical report dated October 13, 1987 to Remcor, Inc. for your review. If you have any questions or need additional information, please contact me.

Sincerely,

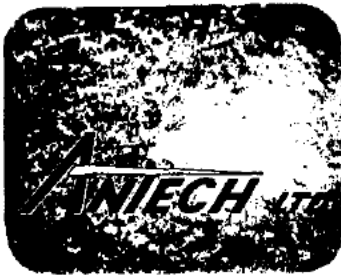
"non responsive based on revised scope"

Vice President, Technical Services

TWH:kg

Enclosures

AR100351



## LABORATORY SERVICES

One Triangle Drive, Export, PA 156

November 6, 1987

(b) (6)

Vice President  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Dear Leo:

On October 22, 1987, I had a telephone conversation with Mr. Harry Daw, Environmental Protection Agency Region III, concerning some analytical work performed for Remcor, Inc. under Project No. 87360. Mr. Daw wanted Antech Ltd. (Antech) to confirm the results of the following samples:

47-S  
48-S  
51-S  
52-S  
53-L  
54-S

After obtaining authorization from Remcor to proceed, [redacted] of Antech reviewed the data file and indicated that three sample chromatograms which were classified as Aroclor 1242 contained appropriate peaks to also be identified as Aroclor 1248. Generally, Aroclor 1242 and 1248 contain the same peaks but the magnitudes are different and standards can be easily distinguished. However, with concentrations close to the detection level (Sample 053-L; 2 micrograms per liter of 1248), these peaks may not be as distinguishable or in the case of soils/sludges where some of the aroclor peaks were masked by interferences (Samples 047-S and 052-S) caused these patterns not to be as distinguishable as the standards.

After discussion of these findings with you, I forwarded the information to Harry Daw on October 29, 1987 and indicated that we would send him a copy of the revised analytical report. He seemed to understand the information presented and said no further action was needed at this time.

The attached revised tables are presented for your review and consideration. Please note that where results were recalculated to Aroclor 1248, the change in concentration is "insignificant" from an analytical standpoint (well within what would be considered a reasonable duplicate).

AR100352

Mr. (b) (6)

2

November 6, 1987

We hope this presentation satisfies any concerns you may have of the validation of the data reported. If you have any questions or need additional information, please do not hesitate to call me.

Sincerely,

"non responsive based on revised scope"

Vice President, Technical Services

TWH:kg

Enclosures

AR100353



LABORATORY SERVICES

One Triangle Drive, Export, PA 15622

## General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 1 of 1

Reference: Wastewater Characterization; Remcor Project No. 87360 (Revised 11-4-87)

Sample No. (2)	Date Analyzed	Polychlorinated Biphenyl (PCB) (1)	
		Concentration (µg/l)	Aroclor Source
053-L (3)	7/30/87	2	1248
056-L	7/30/87	<1	-
059-L	7/30/87	<1	-
060-L	8/1/87	4	1248
061-L	7/30/87	<1	-
062-L	7/30/87	<1	-
063-L	7/30/87	<1	-
064-L	8/1/87	<1	-
QC Spike	8/1/87	108 (4)	1248

(1) EPA Method 8080.

(2) No. 058-L received.

(3) Based on review of chromatograms and historical site information, the original concentration was recalculated assuming Aroclor 1248 was the target compound.

(4) Percent recovery of QC water sample.

"non responsive based on revised scope"

Approved

Vice President, Technical Services

AR100354



LABORATORY SERVICES

One Triangle Drive, Export, PA 156

## General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 1 of 1

Reference: Sludge Characterization; Remcor Project No. 87360

Sample No.	Date Analyzed	Polychlorinated Biphenyl (PCB) <sup>(1)</sup>	
		Concentration (µg/g)	Aroclor Source
001-L <sup>(2)</sup>	8/1/87	150 <sup>(3)</sup>	1248
033-S <sup>(2)</sup>	7/30/87	8 <sup>(3)</sup>	1248

(1) EPA Method 8080.

(2) Percent solids for samples 001-L and 033-S are 0.9 percent and 0.7 percent, respectively.

(3) Results are based on a dry weight.

Wet weight - 001-L equals 88 grams at room temperature

Dry weight - 001-L equals 0.8 gram at room temperature (samples were dried at 105°C for 24-hours then cooled to room temperature in a dessicator before being weighed)

Wet weight - 033-S equals 127 grams at room temperature

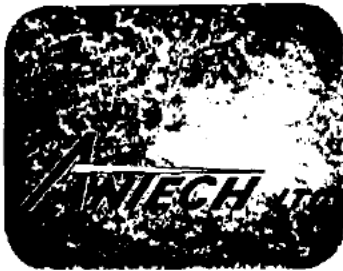
Dry weight - 033-S equals 0.9 gram at room temperature (samples were dried at 105°C for 24-hours then cooled to room temperature in a dessicator before being weighed)

"non responsive based on revised scope"

Approved

Vice President, Technical Services

AR100355



412/733-

LABORATORY SERVICES

One Triangle Drive, Export, PA 15

## General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 1 of 1

Reference: Wipe Characterization; Remcor Project No. 87360

Sample No.	Date Analyzed	Polychlorinated Biphenyl (PCB) <sup>(1)</sup>	
		Concentration ( $\mu$ g)	Aroclor Source
074-W	7/31/87	<5	-
075-W	7/31/87	<5	-
076-W	7/30/87	<5	-
077-W	8/2/87	<5	-
078-W	7/30/87	<5	-

(1) EPA Method 8080.

"non responsive based on revised scope"

Approved:

Vice President, Technical Services

AR100356



## General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 1 of 5

Reference: Soil Characterization; Remcor Project No. 87360

Sample No.	Date Analyzed	Polychlorinated Biphenyl (PCB) <sup>(1)</sup>	
		Concentration (µg/g)	Aroclor Source
002-C	7/29/87	1	1242
003-S	7/29/87	<1/<1 <sup>(2)</sup>	-
004-S	7/30/87	<1	-
005-S	7/31/87	5	1254
006-S	7/26/87	61	1260
007-S	7/25/87	<1	-
008-S	7/31/87	590	1254
009-S	7/30/87	<1	-
010-S	7/30/87	<1	-
011-S	8/8/87	7	1254
012-S	7/26/87	20	1248
013-S	7/30/87	9	1248

See footnotes at end of report.

AR100357

# General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 2 of 5

Reference: Soil Characterization; Remcor Project No. 87360

Sample No.	Date Analyzed	Polychlorinated Biphenyl (PCB) <sup>(1)</sup>	
		Concentration (ug/g)	Aroclor Source
014-S	7/26/87	2	1254
015-S	7/30/87	<1	-
016-S	7/29/87	<1	-
017-S	8/1/87	<1	-
018-S	7/30/87	4	1248
019-S	7/25/87	<1	1248
020-S	7/25/87	<1	-
021-S	7/25/87	4	1248
022-S	8/2/87	4/8 <sup>(2)</sup>	1248
023-S	8/1/87	<1/78 <sup>(3)</sup>	-
024-S	7/25/87	<1	-
025-S	7/25/87	<1	-

See footnotes at end of table.

AR100358



# General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

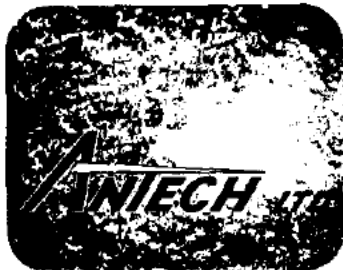
Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 3 of 5

Reference: Soil Characterization; Remcor Project No. 87360

Sample No.	Date Analyzed	Polychlorinated Biphenyl (PCB) <sup>(1)</sup>	Aroclor Source
		Concentration (µg/g)	
026-S	7/26/87	<1/<1 <sup>(2)</sup>	-
027-S	7/31/87	<1	-
028-C	8/2/87	450	1248
029-C	8/3/87	490	1248
034-C	8/1/87	1,100	1248
035-C	8/7/87	580	1248
036-C	7/26/87	150/150 <sup>(2)</sup>	1248
040-S	7/30/87	6,800	1248
041-S	8/1/87	5/6 <sup>(2)</sup>	1248
042-S	7/30/87	7	1248
043-S	8/5/87	10	1248

See footnotes at end of table.

AR100359



LABORATORY SERVICES

One Triangle Drive, Export, PA 15632

## General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 4 of 5

Reference: Soil Characterization; Remcor Project No. 87360 (Revised 11-4-87)

Sample No.	Date Analyzed	Polychlorinated Biphenyl (PCB) <sup>(1)</sup>	
		Concentration (µg/g)	Aroclor Source
044-S	7/25/87	4	1248
045-S	7/26/87	6	1248
046-S	8/1/87	<1	-
047-S <sup>(4)</sup>	8/1/87	8	1248
048-S	8/1/87	<1	-
049-S	7/30/87	1	1248
050-S	7/25/87	<1/3 <sup>(2)</sup>	1248
051-S	7/29/87	260	1248
052-S <sup>(4)</sup>	7/29/87	300	1248
054-S	7/28/87	170	1248
055-S	7/26/87	7	1248
057-S	7/28/87	220	1248

See footnotes at end of table.

AR100360



## LABORATORY SERVICES

One Triangle Drive, Export, PA 1563

## General Data Table

Client: (b) (6)  
Office Manager  
Remcor, Inc.  
701 Alpha Drive  
Pittsburgh, PA 15238

Antech Project No.: 87-0832  
Receipt Date: 7/17/87  
Verbal Report Date: 8/6/87  
Report Date: 8/13/87  
Page 5 of 5

Reference: Soil Characterization; Remcor Project No. 87360 (Revised 11-4-87)

Sample No.	Date Analyzed	Polychlorinated Biphenyl (PCB) <sup>(1)</sup>	
		Concentration (µg/g)	Aroclor Source
065-S	7/25/87	7	1248
066-S	7/25/87	8	1248
067-S	7/25/87	18	1248
068-S	7/25/87	8	1248
069-S	7/25/87	28	1248
070-S	7/25/87	9	1248
071-S	7/25/87	<1	-
072-S	7/24/87	<1	-
073-S	7/25/87	13	1254
079-S	7/30/87	1,500	1248
080-S	7/25/87	2	1254
081-S	7/25/87	<1	-

(1) EPA Method 8080.

(2) Duplicate Analysis.

(3) Percent recovery for spike matrix.

(4) Based on review of chromatograms and historical site information, the original concentration was recalculated assuming Aroclor 1248 was present.

"non responsive based on revised scope"

Approved:

Vice President, Technical Services

AR100361